

# Kitemark™ Certificate

This is to certify that:

Glass Systems (Direct) Ltd  
E3/E4 Coed Cae Lane  
Industrial Estate  
Llantrisant  
Mid Glamorgan  
CF72 9HG  
United Kingdom

Holds Certificate Number:

KM 510182

In respect of:

**BS EN 1279-2 & BS EN 1279-3**  
**Insulating Glass Units**

This issues the right and licence to use the Kitemark in accordance with the Kitemark Terms and Conditions governing the use of the Kitemark, as may be updated from time to time by BSI Assurance UK Ltd (the "Conditions"). All defined terms in this Certificate shall have the same meaning as in the Conditions.

The use of the Kitemark is authorized in respect of the Product(s) detailed on this Certificate provided at or from the above address.

For and on behalf of BSI:

Shahm Barhom, Group Product Certification Director

First Issued: 2006-11-22

Latest Issue: 2023-11-22

Effective Date: 2023-11-23

Expiry Date: 2026-11-22

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# Kitemark™ Certificate

No. KM 510182

**BS EN 1279-2:2018 - Insulating glass units. Long term test method and requirements for moisture penetration.**

**BS EN 1279-3:2018 - Insulating Glass Units. Long term test method and requirements for gas leakage rate and for gas concentration tolerances.**

This Kitemark Licence is only valid for units manufactured using the components listed on the following System Descriptions and covers air or gas filled decorative and plain units.

## System Description Reference – 'Glass Systems Group 001' dated 14/09/2022

Certified Components			
Component	Manufacturer	Material	Reference
Inner Sealant	Fenzi	Butyl	Butylver
Inner Sealant	Bostik	Butyl	Bostik 2000
Outer Sealant	Fenzi	Polyurethane	Poliver
Outer Sealant	Eco IN	Polyurethane	Eco pur CBD
Outer Sealant	Fenzi	Hotmelt	Hotver 2000
Outer Sealant	Fenzi	Polysulphide	Thiover
Outer Sealant	Bostik	Hotmelt	P5125
Outer Sealant	Kömmerling	Polysulphide	Naftotherm M82

**\*Certified components table continued next page\***

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To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated [online](#).

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No. KM 510182

**BS EN 1279-2:2018 - Insulating glass units. Long term test method and requirements for moisture penetration.**

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## System Description Reference – 'Glass Systems Group 001' dated 14/09/2022

Certified Components (Continued)			
Component	Manufacturer	Material	Reference
Spacer Bar	Alu-Pro	Aluminium	Aluminium H80
Spacer Bar	Alu-Pro	Stainless Steel	Chromatech Plus
Spacer Bar	Alu-Pro	Warm Edge	Multitech
Spacer Bar	Swiss Spacer (Saint Gobain)	Warm Edge	Swisspacer
Spacer Bar	Thermoseal	Warm Edge	Thermobar
Spacer Bar	Thermoseal	Aluminium	Mill Finish
Spacer Bar	Thermoseal	Warm Edge	Thermafex
Spacer Bar	Edgetech	Flexible Foam	Superspacer Premium
Desiccant (1)	Thermoseal	3A Molecular-sieve	Eurosiv
Desiccant (2)	Phonosorb	3A Molecular-sieve	Phonosorb 551

(1) Tc value of Thermoseal Eurosiv desiccant = 16.1%

(2) Tc value of Phonosorb 551 desiccant = 18.5%

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